ELSEVIER

Fluid Phase Equilibria 102 (1994) 319–320

FLUID PHASE EQUILIBRIA

Contents of Volume 102 (1994)

Vol. 102, No. 1

Theoretical papers

UNIVAP — a group contribution method for the prediction of enthalpies of vaporization of pure substances
M. Klüppel, S. Schulz and P. Ulbig (Dortmund, Germany) 1–15

Thermochemical investigations of hydrogen-bonded solutions. Part 6. Comparison of mobile order theory versus Kretschmer–Wiebe association model for describing anthracene solubilities in binary hydrocarbon + alcohol solvent mixtures
W.E. Acree, Jr., and S.A. Tucker (Denton, TX, USA) 17–29

Binary interaction parameters for nonpolar systems with cubic equations of state: a theoretical approach. 1. CO_2/hydrocarbons using SRK equation of state
J.A.P. Coutinho, G.M. Kontogeorgis and E.H. Stenby (Lyngby, Denmark) 31–60

Chemical theory for mixtures containing any number of alcohols
S.W. Campbell (Tampa, FL, USA) 61–84

Experimental paper

Vapour pressures at several temperatures and excess functions of *n*-butanol with 2,2-dimethylbutane and with 2,3-dimethylbutane at 298.15 K
R. Garriga, P. Pérez, J. Valero and M. Gracia (Zaragoza, Spain) 85–95

Corrigendum 97

Erratum 99

Announcements 101–105

Vol. 102, No. 2

Theoretical papers

Solubility in supercritical fluid mixtures with co-solvents: an integral equation approach
H. Tanaka and K. Nakanishi (Kyoto, Japan) 107–120

Prediction of the solubility of aromatic hydrocarbons in supercritical CO_2 with EoS/G^E models
N. Spiliotis, K. Magoulas and D. Tassios (Athens, Greece) 121–141

Computation of compositional grading in hydrocarbon reservoirs. Application of continuous thermodynamics
C. Lira-Galeana, A. Firoozabadi (Palo Alto, CA, USA) and J.M. Prausnitz (Berkeley, CA, USA) 143–158

Equation of state for hard-sphere chain molecules
Y.X. Yu, J.F. Lu, J.S. Tong and Y.G. Li (Beijing, People's Republic of China) 159–172

Application of the simplified hole theory equation of state to polymer solutions and blends
C. Zhong, W. Wang and H. Lu (Beijing, China) 173–179

Experimental papers

Measurement and prediction of three-phase water/hydrocarbon equilibria
P.T. Eubank, C.H. Wu, J.F.J. Alvarado, A. Forero and M.K. Beladi (College Station, TX, USA) 181–203

0378-3812/94/$07.00 © 1994 – Elsevier Science B.V. All rights reserved

Excess enthalpies of binary mixtures toluene + propylbenzene, + butylbenzene and + hexylbenzene at 298.15, 308.15 and 318.15 K
D.V.S. Jain, R. Chadha and N.S. Dhar (Chandigarh, India) 205–210
Distribution of acetic acid between water and organic solutions of tri-*n*-octylamine
H. Ziegenfuß and G. Maurer (Kaiserslautern, Germany) 211–255
Vapor–liquid equilibrium measurements and data analysis of isoprene and *n*-pentane mixture
L. Lee, J. Huang, W. Yang and A.S.T. Chiang (Chung-li, Taiwan) 257–273
Vapour–liquid equilibria in non-polar mixtures. III. Binary mixtures of alkylbenzenes and *n*-alkanes at 313.15 K
M. Góral (Warsaw, Poland) 275–286
High pressure three-phase equilibria for the carbon dioxide–ethanol–water system
J.-H. Yoon, H. Lee and B.H. Chung (Taejon, South Korea) 287–292
Excess molar volumes of binary mixtures of toluene and ethylbenzene with propylbenzene, butylbenzene and hexylbenzene at 298.15, 308.15 and 318.15 K
D.V.S. Jain (Chandigarh, India) and N.S. Dhar (Lund, Sweden) 293–303
Densities and excess molar volumes of eight *n*-alkane binary systems at 293.15 and 298.15 K
J. Wu and A.A. Asfour (Windsor, Ont., Canada) 305–315

Subject Index 317

Author Index 318

Contents of Volume 102 (1994) 319–320